

DESCRIPTION

Suisun Slough flows through Suisun Marsh, the largest contiguous brackish water marsh on the west coast. It is a resting and feeding ground for waterfowl migrating on the Pacific Flyway, and provides essential habitat for many bird, mammal, amphibian, and fish species, as well as endemic plants. Marsh management influences salt water intrusion into the San Joaquin/Sacramento Delta.

The watershed is affected by increased hydromodification. Prior to reaching the Marsh, Suisun Creek flows through increasingly urbanized areas and through a series of tributaries flows to Suisun Slough.



Suisun Marsh

(Photo courtesy Calif. Dept. of Fish & Game,

<http://www.delta.dfg.ca.gov/suisunmarsh/charter/>).

REASON FOR CCA IDENTIFICATION

Suisun Slough was a 1998 303(d)-listed impaired waterbody that flows into the managed and natural brackish water wetlands of **Suisun Marsh, Grizzly Island Wildlife Area**.

POLLUTED RUNOFF CONDITIONS

	Top 5 Runoff Pollutants of Concern					Efforts to Address Pollutants (See next page)
	<u>2002 303(d)- Listed Pollutants</u> TMDL Priority (& Proposed Completion)	<u>Other Pollutants of Concern</u>				
Selected Coastal Waterbodies	<u>Diazinon</u>	?	?	?	?	
Suisun Slough ▲	▲ High (2004)					a
Potential Sources of Pollutants in Coastal Waterbodies						
Agriculture						b
Forestry (Silviculture)						
Urban Areas						
➤ Urban Runoff/ Storm Sewers	▲					a, c
Marinas & Boating						
Hydromodification						
Wetlands & Riparian Areas						b, d, e

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MAJOR EFFORTS TO IMPLEMENT NPS MANAGEMENT MEASURES

a)	Diazinon and Pesticide-Related Toxicity in Bay Area Urban Creeks, Water Quality Attainment Strategy and TMDL (2004)	http://www.swrcb.ca.gov/rwqcb2/urbancrksdiazinontmdl.htm
San Francisco Bay Regional Water Quality Control Board	Bill Johnson	(510) 622-2354 bjohnson@waterboards.ca.gov
➤ Draft implementation strategy for diazinon Total Maximum Daily Load (TMDL) in Bay Area urban creeks.		
b)	Suisun Creek Watershed Program (2003 & 2004 grant)	website
California Sportfishing Protection Alliance	Laurel Marcus	(510) 832-3101 laurelm@ix.netcom.com
➤ In conjunction with local landowners and agencies, monitored water quality and temperature, summer flow, stream channel and riparian corridor conditions; also completed a watershed assessment for the overall watershed.		
c)	Regional Stormwater Monitoring and Urban BMP Evaluation: A Stakeholder-Driven Partnership to Reduce Contaminant Loadings	http://www.sfei.org/
San Francisco Estuary Institute		(510) 746-7334 webfeedback@sfei.org
➤ Project aims to improve our understanding of effectiveness of stormwater management and helps prioritize implementation of further efforts to improve water quality.		
d)	Wetland Design and Management Options for Control of Mercury in San Francisco Bay	http://www.abag.ca.gov/
Association of Bay Area Governments		(510) 464-7900 webmaster@abag.ca.gov
➤ Project to identify specific, practical measures to substantially reduce methylation of mercury in the Bay and to produce a Wetland Implementation Report as element in the Implementation Plan for the Bay mercury TMDL Plan.		
e)	Suisun Marsh Charter	http://www.delta.dfg.ca.gov/suisunmarsh/charter/
Calif. Dept. Fish & Game, and partners		
➤ Agency managers with primary responsibility for actions in Suisun Marsh formed a Charter Group to develop an implementation plan for Suisun Marsh that would protect and enhance Pacific Flyway and existing wildlife values, endangered species, and water-project supply quality.		

REGULATORY/PLANNING JURISDICTIONS

➤ Solano County, Environmental Management, Planning Services	http://www.co.solano.ca.us/SubSection/SubSection.asp?NavID=235	Mike Yankovich	(707) 421-6765	myankovich@solanocounty.com
➤ Solano County Resource Conservation District	http://www.carc.org/wisp/ulatis/		(707) 678-1655	urcd@jccomp.com
➤ San Francisco Bay Conservation and Development Commission	http://www.bcdc.ca.gov	Lindy Lowe	(415) 352-3642	lindyb@bcdd.ca.gov
➤ Calif. Coastal Commission, Water Quality Unit	http://www.coastal.ca.gov/nps/npsndx.html	Lisa Sniderman	(415) 904-5270	lsniderman@coastal.ca.gov
➤ San Francisco Bay Regional Water Quality Control Board	http://www.waterboards.ca.gov/sanfranciscobay/	Jolanta Uchman & Bill Johnson	(510) 622-2432 622-2432	juchman@waterboards.ca.gov bjohnson@waterboards.ca.gov
➤ State Water Resources Control Board	http://www.waterboards.ca.gov/	Diane Edwards	(916) 341-5908	dedwards@waterboards.ca.gov
➤ California Coastal Conservancy	http://www.coastalconservancy.ca.gov/	Nadine Hitchcock	(510) 286-4176	nhitchcock@scc.ca.gov
➤ Calif. Dept. of Fish & Game, Region 3	http://www.dfg.ca.gov/	Bill Cox	(707) 944-5500	bcx@dfg.ca.gov

Suisun Slough CCA

➤ Department of Water Resources	http://wwdwr.water.ca.gov/	Terri Gaines	(916) 227-7522	tgaines@water.ca.gov
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